

Application No.: 10/060,057**Docket No.: 30012370-1 US (1509-273)****Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of ~~operation of an~~ operating a SCSI enabled device in response to a parity error message coupled over ~~[[an]]~~ a SCSI enabled bus, said method comprising:

determining whether said SCSI enabled device is in a data transfer state;

if said SCSI enabled device is in a data transfer state, then generating a response message to an initiator device, said response message notifying said Initiator device that a previous data transfer operation will be recommenced.

Claim 2 (original): The method as claimed in Claim 1, wherein said response message notifies said initiator device that said data transfer operation will recommence from the start of said data transfer operation.

Claim 3 (currently amended): A method of operating ~~[[an]]~~ a SCSI driver, said method comprising:

carrying out a data transfer phase;

receiving a parity error message following said data transfer phase; and

sending a restore data pointer message, after receiving said parity error message.

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Claim 4 (original): The method as claimed in Claim 3, comprising the step of:
sending a message instructing recommencing said data transfer phase after
sending said restore data pointer message.

Claim 5 (currently amended): ~~[[An]]~~ A SCSI enabled device, comprising:
a receiver for receiving a parity error message over ~~[[an]]~~ a SCSI bus;
a processor arrangement for determining whether said SCSI enabled device is in a
data transfer state, and for generating a response signal to an initiator device from which a
data transfer phase was initiated, said response message ~~notifying~~ being such as to notify
said initiator device that a previous data transfer operation will be recommenced.

Claim 6 (currently amended): ~~[[An]]~~ A SCSI driver comprising:
a processor arrangement for carrying out a data transfer phase;
a receiver for receiving a parity error message following said data transfer phase;
the processor arrangement being arranged for recognizing that a parity error
message has occurred immediately after a data transfer phase; and
a sender for sending a restore data pointer message, after receiving said parity
error message.

Claim 7 (currently amended): The SCSI driver as claimed in claim 6, ~~[[where]]~~
wherein said processor arrangement is arranged to send a message for recommencing
said data transfer phase after sending said restore data pointer message.

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Claim 8 (currently amended): A program memory or medium carrying computer readable data for instructing a processor to perform SCSI operations, said operations comprising:

determining whether [[an]] a SCSI parity error message has been received by a device;

determining whether said device is in a data transfer state;

if said device is in data transfer state, generating a response message for notifying [[an]] a SCSI initiator device that a previous data transfer operation is to be recommenced..

Claim 9 (currently amended): The program memory or medium as claimed in claim 8, stored on a program data storage [[media]] medium selected from the set~~[[;]]~~ :

a CD-ROM;

a magnetic data storage medium.

Claim 10 (currently amended): [[An]] A SCSI enabled device operable for:
determining whether said SCSI enabled device is in a data transfer state; and
generating a response signal to an initiator device from which a data transfer phase was initiated, said response message being arranged for notifying said initiator device that a previous data transfer operation will be recommenced.

Claim 11 (currently amended): [[An]] A SCSI driver operable for:
carrying out a data transfer phase;
receiving a parity error message following said data transfer phase;

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recognizing that a parity error message has occurred immediately after a data transfer phase; and

sending a restore data pointer message[[,]] after receiving said parity error message.

Claim 12 (new): A method of avoiding a possible crash or hang in a peripheral device caused under conditions in which a host computer device seizes a SCSI bus during a bus fill period after an arbitration host selection period and the commencement of operation of the peripheral device, the method comprising:

enabling the peripheral device via a SCSI bus;

while the peripheral device is so enabled, activating a driver coupled with the peripheral device via the SCSI bus so the driver supplies the peripheral device with a signal sequence on the SCSI bus, the signal sequence normally including a data transfer phase during which the data are transferred between the host computer device and the peripheral device, followed by a message phase that includes a message parity error message, the response signal being generated by the peripheral device in response to receipt thereby of the message parity error message;

causing the driver to perform the following steps in response to a message parity error message being on a SCSI bus to which the driver is responsive, wherein the message parity error occurs immediately after the data transfer: (a) determining if the driver is in the data transfer phase, (b) if the driver is not in the data transfer phase, causing the driver to continue to respond to the message parity error message in a conventional manner, (c) if the driver is in the data transfer phase, causing the driver to

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recognize the message parity error message as being a SCSI non-operation message;
the peripheral device responding to step (c) of the driver operation by sending a restore data pointer message back to the computer device, the restore data pointer message informing the computer peripheral device is going to re-try the entire data transfer phase from the beginning.

Claim 13 (new): The method of claim 12 further including resuming the data transfer at the computer device from the beginning in response to receipt at the computer device of the restore data pointer message.

Claim 14 (new): The method of claim 13, wherein the peripheral device resumes the data transfer from the beginning in response to the computer device resuming the data transfer from the beginning.

Claim 15 (new): Apparatus for performing the method of claim 12.

Claim 16 (new): Apparatus for performing the method of claim 13.

Claim 17 (new): Apparatus for performing the method of claim 14.

Claim 18 (new): A memory or medium including machine readable indicia for causing a computer system to execute the method of claim 12.

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Claim 19 (new): A memory or medium including machine readable indicia for causing a computer system to execute the method of claim 13.

Claim 20 (new): A memory or medium including machine readable indicia for causing a computer system to execute the method of claim 14.